

Special Standards

9 VAC 25-260-310

Examples of Existing Special Standards

- Shellfish Waters
- Policy for Potomac Embayments
- Maximum Temperature New River to WVA
- Elizabeth River Copper WER
- James River Chlorophyll

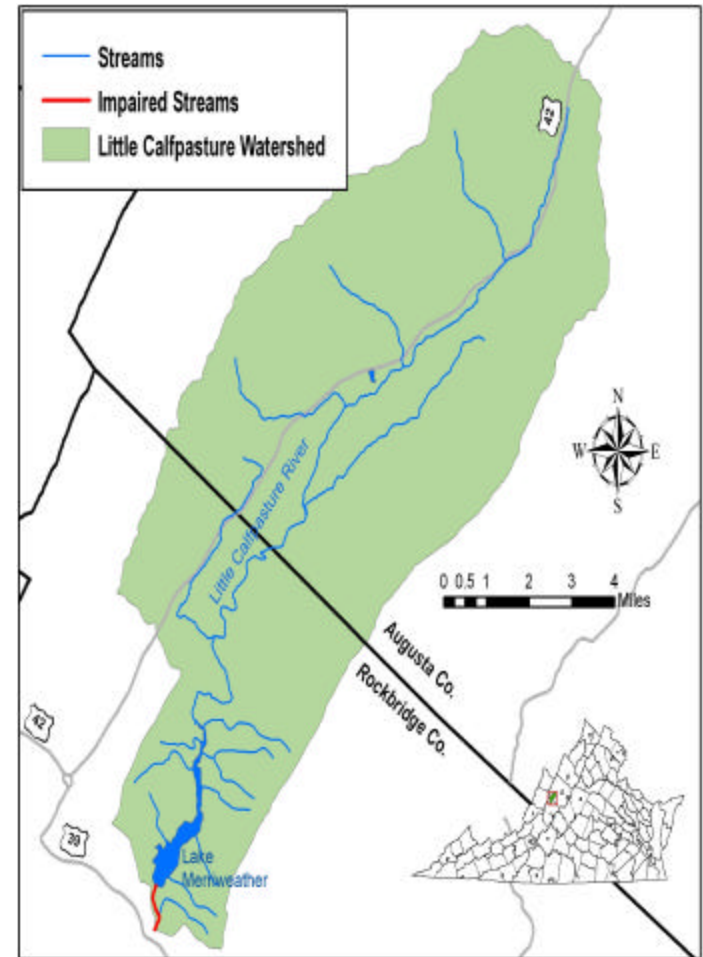
Special Standards

Issues Under Consideration

- Little Calfpasture River Goshen Dam Benthic Use Impairment (UAA)
- Lake Curtis high pH impairment due for fishery use / fertilized lake
- Manganese in Roanoke PWS
- Lake Drummond DO and pH impairment due to swamp conditions for soon to approved special standard “dd”
- Chickahominy effluent limits special standard “m” clarification
- Chlorides special standard “s” deletion
- Limestone streams pH (River Basin Section Tables)
- Potomac tributary delineation for ammonia special standard “y”
- Indicates existing special standards needing clarification or revision

Special Standards

Little Calpasture River Goshen Dam Benthic Use Impairment (UAA)



Special Standards

Little Calfpasture River Goshen Dam Benthic Use Impairment (UAA)

- Lake Merriweather for recreational uses but also provides flood control
- Benthic impairments for 0.83 miles below dam
- Food supply, sediment, DO stressors
- Natural consequence of impoundment that cannot be remedied by any design or operational changes will be focus of special standard
- Subcategory of aquatic life use (benthic)
- Enforceable controls via Special Order for dam operation
- TMDL for sediment upstream

Special Standards

Lake Curtis High pH

- The lake has excellent largemouth bass, bluegill, and channel catfish populations.
- Produces large bass, with fish as large as 13 pounds coming from the lake.
- Fisheries surveys by biologists indicate large fish are present, but the abundance of standing timber gives them plenty of places to hide.
- Finest bluegill fishery in the district. With ample shoreline access, it's an ideal place to practice fly-fishing or take a youngster out for the day.
- The lake is fertilized each summer to increase productivity.

*Information on Lake Curtis from <http://www.dgif.virginia.gov/fishing/waterbodies/>

Special Standards

Lake Curtis High pH



Special Standards

Lake Curtis High pH

- Fertilized lake managed for fishery use cause of high pH
- Best management practices employed
- Ranges 5.5 to 9.6
- Meets nutrient criteria
- No downstream impacts
- Test case for consent decree lake

Special Standards

Roanoke River Manganese

- Roanoke River assigned PWS designation from Kerr to Leesville dam
- Manganese secondary MCL (50 ug/l) applies at intake
- Naturally higher than 50 ug/l
- Higher background concentration allows no addition to water supply
- Impacted permittee 20+ miles upstream of intake

Special Standards

Other Issues Under Consideration

- Lake Drummond include DO and pH to soon to be approved special standard “dd”
- Chickahominy effluent limits special standard “m” clarification
- Chlorides special standard “s” deletion
- Limestone streams pH (River Basin Section Tables)
- Potomac tributary delineation for ammonia special standard “y”

● Indicates existing special standards needing clarification or revision